BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.01		Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts etc complete as per specifications and directions of engineer in charge of the work									
		Old building roof	cum	1.0	7.50	10.00	0.20	15.00			
		Beams	cum	1.0	50.00	0.45	0.45	10.13			
		Lintel	cum	1.0	55.00	0.23	0.15	1.90			
		BBM	cum	1.0	60.00	0.23	3.00	41.40			
						Total executed Qty		**68.42**	**847.65**	**57998.33**	
						Tender Quantity		**68.42**			
Item No.02		Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods etc complete as per specifications and directions of engineer in charge of the work									
		Site cleaning									
		Rectangle portion	cum	1.0	29.11	24.85	0.45	325.52			
		Triangle portion(Left side)	cum	1.0	102.39		0.45	46.08			
				.5*29.11*7.035=102.39							
		Triangle portion(Right side)	cum	1.0	34.33		0.45	15.45			
				.5*30.029*2.287=34.33							
		Triangle portion(Back side)	cum	1.0	11.36		0.45	5.11			
				.5*24.85*.914=11.356							
						Total executed Qty		**392.16**			
						Tender Quantity		**337.50**			
						Quantity Upto 125%		**392.16**	**315.38**	**123678.40**	
Item No.03		Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods etc complete as per specifications and directions of engineer in charge of the work									
		Footing									
		C1									
		Along grid B-4,B-3	Cum	2.0	4.80	4.80	2.00	92.16			
		Along grid D-4,D-3	Cum	2.0	4.80	4.80	2.00	92.16			
		C2						0.00			
		Along grid B-5, B-2	Cum	2.0	4.80	3.40	2.00	65.28			
		Along grid D-5	Cum	1.0	4.80	3.40	2.00	32.64			
		C3									

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Along grid A-4, A-3	Cum	2.0	3.60	3.60	2.00	51.84			
		Along grid B-1	Cum	1.0	3.60	3.60	2.00	25.92			
		Along grid C- 1	Cum	1.0	3.60	3.60	2.00	25.92			
		C3'									
		Along grid F- 4,F-3	Cum	2.0	4.00	3.20	2.00	51.20			
		C4									
		Along grid A- 6, A- 5, A- 2,A- 1	Cum	4.0	3.10	3.10	2.00	76.88			
		Along grid C- 6	Cum	1.0	3.10	3.10	2.00	19.22			
		Along grid F-6,F-5	Cum	2.0	3.10	3.10	2.00	38.44			
		C4'									
		Along grid B-6	Cum	1.0	3.30	2.90	2.00	19.14			
		Along grid D-6	Cum	1.0	3.30	2.90	2.00	19.14			
		CF1	cum	1.0	7.70	6.90	2.00	106.26			
		SSM Footing									
		SSM Below Ground									
		Between B-C	cum	2.0	4.95	0.75	0.75	5.57			
		Between C-D	cum	2.0	5.95	0.75	0.75	6.69			
		Between 1-2	cum	2.0	4.60	0.75	0.75	5.18			
		Between 2-3	cum	4.0	4.00	0.75	0.75	9.00			
		Between 3-4	cum	4.0	5.95	0.75	0.75	13.39			
		Between 4-5	cum	4.0	5.95	0.75	0.75	13.39			
		Between 5-6	cum	4.0	2.75	0.75	0.75	6.19			
		Between A-B	cum	2.0	4.13	0.75	0.75	4.64			
		Between A-B	cum	4.0	4.03	0.75	0.75	9.06			
		Between D-F	cum	4.0	3.51	0.75	0.75	7.89			
		For staircase footing	cum	1.0	1.45	0.45	1.05	0.69			
		Sump									
			cum	1.0	5.00	4.00	3.50	70.00			
		For staircase footing	cum	1.0	1.45	0.60	1.05	0.91			
		Deduction									
		for SSM									
		Between B-C									
		C4'	Cum	1.0	1.65	0.75	0.75	-0.93			
		C3	Cum	1.0	1.80	0.75	0.75	-1.01			
		Between C-D	Cum								
		C4	Cum	1.0	1.55	0.75	0.75	-0.87			
		C4'	Cum	1.0	1.65	0.75	0.75	-0.93			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount	Remarks
					(m)	(m)	(m)		Rs	Rs	
From	To										
		C3	Cum	1.0	1.80	0.75	0.75	-1.01			
		CF1	Cum	1.0	1.83	0.75	0.75	-1.03			
		Between A-B									
		C4'	cum	1.0	1.65	0.75	0.75	-0.93			
		C4	cum	1.0	1.55	0.75	0.75	-0.87			
		C2	cum	1.0	2.40	0.75	0.75	-1.35			
		C3	cum	1.0	1.80	0.75	0.75	-1.01			
		C1	cum	1.0	2.40	0.75	0.75	-1.35			
		C3	cum	1.0	1.80	0.75	0.75	-1.01			
		C1	cum	1.0	2.40	0.75	0.75	-1.35			
		C4	cum	1.0	1.55	0.75	0.75	-0.87			
		C2	cum	1.0	2.40	0.75	0.75	-1.35			
		C4	cum	1.0	1.55	0.75	0.75	-0.87			
		C3	cum	1.0	1.80	0.75	0.75	-1.01			
		Between D-F	cum								
		C4'	cum	1.0	1.65	0.75	0.75	-0.93			
		C2	cum	1.0	2.40	0.75	0.75	-1.35			
		C4	cum	2.0	1.55	0.75	0.75	-1.74			
		C1	cum	2.0	2.40	0.75	0.75	-2.70			
		C3'	cum	2.0	1.80	0.75	0.75	-2.03			
		Between 1-2									
		C4	Cum	2.0	1.55	0.75	0.75	-1.74			
		C3	Cum	1.0	1.80	0.75	0.75	-1.01			
		C2	Cum	1.0	2.40	0.75	0.75	-1.35			
		Between 3-4									
		C3	Cum	2.0	3.60	0.75	0.75	-4.05			
		C1	Cum	2.0	4.80	0.75	0.75	-5.40			
		Between 4-5									
		C3	Cum	2.0	3.60	0.75	0.75	-4.05			
		C4	Cum	2.0	3.10	0.75	0.75	-3.49			
		Between 5-6									
		C4	Cum	2.0	3.10	0.75	0.75	-3.49			
		Between 2-3									
		C3	Cum	1.0	1.80	0.75	0.75	-1.01			
		C4	Cum	1.0	1.55	0.75	0.75	-0.87			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		C1	Cum	1.0	2.40	0.75	0.75	-1.35			
		C2	Cum	1.0	1.70	0.75	0.75	-0.96			
		Compound Wall									
		northenside Wall	Cum	1.0	5.00	0.90	0.55	2.48			
		Vidhansoudha grill									
		Westernside	Cum	1.0	29.50	0.80	1.90	44.84			
		Southernside	Cum	1.0	22.00	0.80	1.90	33.44			
					Total executed Qty			**894.26**			
					Tender Quantity			**890.17**			
					Quantity Upto 125%			**894.26**	**226.57**	**202612.84**	
Item No.04		Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. etc complete as per specifications and directions of engineer in charge of the work									
		Footing									
		C1									
		Along grid B-4,B-3	Cum	2.0	4.80	4.80	0.10	4.61			
		Along grid D-4,D-3	Cum	2.0	4.80	4.80	0.10	4.61			
		C2									
		Along grid B-5, B-2	Cum	2.0	4.80	3.40	0.10	3.26			
		Along grid D-5	Cum	1.0	4.80	3.40	0.10	1.63			
		C3									
		Along grid A-4, A-3	Cum	2.0	3.60	3.60	0.10	2.59			
		Along grid B-1	Cum	1.0	3.60	3.60	0.10	1.30			
		Along grid C- 1	Cum	1.0	3.60	3.60	0.10	1.30			
		C3'									
		Along grid F- 4,F-3	Cum	2.0	4.00	3.20	0.10	2.56			
		C4									
		Along grid A- 6, A- 5, A- 2,A- 1	Cum	4.0	3.10	3.10	0.10	3.84			
		Along grid C- 6	Cum	1.0	3.10	3.10	0.10	0.96			
		Along grid F-6,F-5	Cum	2.0	3.10	3.10	0.10	1.92			
		C4'									
		Along grid D-6	Cum	1.0	3.30	2.90	0.10	0.96			
		Along grid B-6	Cum	1.0	3.30	2.90	0.10	0.96			
		CF1	cum	1.0	7.70	6.90	0.10	5.31			
					Total executed Qty			**35.81**	**2534.26**	**90751.85**	
					Tender Quantity			**89.78**			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.05		Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) etc complete as per specifications and directions of engineer in charge of the work									
		Plinth area									
			sqm	1.0	25.70	20.90		537.13			
							Total executed Qty	**537.13**			
							Tender Quantity	**486.75**			
							Quantity Upto 125%	**537.13**	**125.87**	**67608.55**	
Item No.06		Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work									
		Footing									
		C1									
		Along grid B-4,B-3	Cum	2.0	4.80	4.80	0.15	6.91			
		Along grid D-4,D-3	Cum	2.0	4.80	4.80	0.15	6.91			
		C2									
		Along grid B-5, B-2	Cum	2.0	4.80	3.40	0.15	4.90			
		Along grid D-5	Cum	1.0	4.80	3.40	0.15	2.45			
		C3									
		Along grid A-4, A-3	Cum	2.0	3.60	3.60	0.15	3.89			
		Along grid B-1	Cum	1.0	3.60	3.60	0.15	1.94			
		Along grid C- 1	Cum	1.0	3.60	3.60	0.15	1.94			
		C3'									
		Along grid F- 4,F-3	Cum	2.0	4.00	3.20	0.15	3.84			
		C4									
		Along grid A- 6, A- 5, A- 2,A- 1	Cum	4.0	3.10	3.10	0.15	5.77			
		Along grid C- 6	Cum	1.0	3.10	3.10	0.15	1.44			
		Along grid F-6,F-5	Cum	2.0	3.10	3.10	0.15	2.88			
		C4'									
		Along grid B-6	Cum	1.0	3.30	2.90	0.15	1.44			
		Along grid D-6	Cum	1.0	3.30	2.90	0.15	1.44			
		CF1	cum	1.0	7.70	6.90	0.15	7.97			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		BELOW SSM FOOTING									
		Between B-C	cum	2.0	4.95	0.75	0.15	1.11			
		Between C-D	cum	2.0	5.95	0.75	0.15	1.34			
		Between 1-2	cum	2.0	4.60	0.75	0.15	1.04			
		Between 2-3	cum	4.0	4.00	0.75	0.15	1.80			
		Between 3-4	cum	4.0	5.95	0.75	0.15	2.68			
		Between 4-5	cum	4.0	5.95	0.75	0.15	2.68			
		Between 5-6	cum	4.0	2.75	0.75	0.15	1.24			
		Between A-B	cum	2.0	4.13	0.75	0.15	0.93			
		Between A-B	cum	4.0	4.03	0.75	0.15	1.81			
		Between D-F	cum	4.0	3.51	0.75	0.15	1.58			
		For staircase footing	cum	1.0	1.45	0.45	0.15	0.10			
		Sump									
			cum	1.0	5.00	4.00	0.15	3.00			
		For staircase footing	cum	1.0	1.45	0.60	0.15	0.13			
		Compound Wall									
		northenside Wall	Cum	1.0	5.00	0.90	0.10	0.45			
		Arround Building									
		northen side	Cum	1.0	34.03	0.16	0.10	0.53			
			Cum	0.5	34.30	1.25	0.10	2.14			
		Easternside	Cum	1.0	28.70	1.50	0.10	4.31			
			Cum	0.5	28.70	2.19	0.10	3.14			
		Westernside	Cum	1.0	28.70	2.45	0.10	7.03			
			Cum	0.5	28.70	7.00	0.10	10.05			
		Southernside	Cum	1.0	20.90	3.00	0.10	6.27			
		Vidhansoudha grill									
		Westernside	Cum	1.0	29.50	0.80	0.10	2.36			
		Southernside	Cum	1.0	22.00	0.80	0.10	1.76			
			Total executed Qty					**111.16**	**5834.56**	**648597.61**	
			Tender Quantity					**180.22**			

Item No.7 Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Ready mixed Cement concrete for Beams, Staircase and Roof with M-25 etc complete as per specifications and directions of engineer in charge of the work

		Footing									
		C1									
		Along grid B-4,B-3	Cum	2.0	4.80	4.80	1.10	50.69			
		Along grid D-4,D-3	Cum	2.0	4.80	4.80	1.10	50.69			
		C2									
		Along grid B-5, B-2	Cum	2.0	4.80	3.40	1.00	32.64			

BRUHAT BANGALORE MAHANAGARA PALIKE

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MODIFIED ESTIMATION

Client Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Along grid D-5	Cum	1.0	4.80	3.40	1.00	16.32			
		C3									
		Along grid A-4, A-3	Cum	2.0	3.60	3.60	0.75	19.44			
		Along grid B-1	Cum	1.0	3.60	3.60	0.75	9.72			
		Along grid C- 1	Cum	1.0	3.60	3.60	0.75	9.72			
		C3'									
		Along grid F- 4,F-3	Cum	2.0	4.00	3.20	0.75	19.20			
		C4									
		Along grid A- 6, A- 5, A- 2,A- 1	Cum	4.0	3.10	3.10	0.65	24.99			
		Along grid C- 6	Cum	1.0	3.10	3.10	0.65	6.25			
		Along grid F-6,F-5	Cum	2.0	3.10	3.10	0.65	12.49			
		C4'									
		Along grid B-6	Cum	1.0	3.30	2.90	0.65	6.22			
		Along grid D-6	Cum	1.0	3.30	2.90	0.65	6.22			
		CF1									
		slab	cum	1.0	7.70	6.90	0.70	37.19			
		beam	Cum	2.0	6.90	0.80	0.80	8.83			
		lift beam									
		LB	Cum	2.0	1.80	0.20	1.05	0.76			
			Cum	2.0	1.30	0.20	1.05	0.55			
		Column below FFL									
		C1									
		Along grid B-4,B-3	Cum	2.0	0.45	0.60	1.35	0.73			
		Along grid D-4,D-3	Cum	2.0	0.45	0.60	1.35	0.73			
		Along grid D-2	Cum	1.0	0.45	0.60	1.35	0.36			
		C2									
		Along grid B-5, B-2	Cum	2.0	0.45	0.60	1.45	0.78			
		Along grid D-5	Cum	1.0	0.45	0.60	1.45	0.39			
		C3									
		Along grid A-4, A-3	Cum	2.0	0.45	0.45	1.70	0.69			
		Along grid B-1	Cum	1.0	0.45	0.45	1.70	0.34			
		Along grid C- 1	Cum	1.0	0.45	0.45	1.70	0.34			
		Along grid D- 1	Cum	1.0	0.45	0.45	1.70	0.34			
		C3'									

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Along grid F- 4,F-3	Cum	2.0	0.45	0.45	1.70	0.69			
		C4									
		Along grid A- 6, A- 5, A- 2,A- 1	Cum	4.0	0.45	0.45	1.80	1.46			
		Along grid C- 6	Cum	1.0	0.45	0.45	1.80	0.36			
		Along grid F-6,F-5	Cum	2.0	0.45	0.45	1.80	0.73			
		Along grid F-2,F-1	Cum	2.0	0.45	0.45	1.80	0.73			
		C4'									
		Along grid B-6	Cum	1.0	0.45	0.45	1.80	0.36			
		Along grid D-6	Cum	1.0	0.45	0.45	1.80	0.36			
		C5									
		Along grid E-2',E-1'	cum	2.0	0.20	0.45	1.75	0.32			
		Along grid F-2',F-1'	cum	2.0	0.20	0.45	1.75	0.32			
						Sub Total		321.95			
		PLINTH BEAM									
		PB1									
		Between B-C	Cum	2.0	4.95	0.30	0.60	1.78			
		Between C-D	Cum	2.0	5.95	0.30	0.60	2.14			
		Between 1-2	Cum	4.0	4.60	0.30	0.60	3.31			
		Between 3-4	Cum	4.0	5.95	0.30	0.60	4.28			
		Between 4-5	Cum	4.0	5.95	0.30	0.60	4.28			
		PB2									
		Between A-B	Cum	2.0	4.13	0.30	0.60	1.49			
		Between A-B	**Cum**	4.0	4.03	0.30	0.60	2.90			
		Between D-F	Cum	2.0	3.61	0.30	0.60	1.30			
		Between D-F	Cum	4.0	3.51	0.30	0.60	2.53			
		Between 2-3	Cum	4.0	4.00	0.30	0.60	2.88			
		Between 5-6	Cum	4.0	2.75	0.30	0.60	1.98			
		Sump									
		Bottom slab	cum	1.0	5.00	4.00	0.20	4.00			
		Side walls	cum	2.0	5.00	0.20	3.00	6.00			
			cum	2.0	3.60	0.20	3.00	4.32			
		Top slab	cum	1.0	5.00	4.00	0.15	3.00			
		Column upto FF									
		C1									
		Along grid B-4,B-3,D-4,D-3,D-2	cum	5.0	0.45	0.60	3.13	4.22			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		C2									
		Along grid B-5, B-2,D-5	cum	3.0	0.45	0.60	3.13	2.53			
		C3 and C3'									
		Along grid A-4, A-3,B-1,C- 1,D-1, F- 4,F-3	cum	7.0	0.45	0.45	3.13	4.43			
		C4 and C4'									
		Along grid A- 6, A- 5, A- 2,A- 1,B-6,C- 6,D-6,F-6,F-5,F-2,F-1	cum	11.0	0.45	0.45	3.13	6.96			
		C5									
		Along grid E-2',E-1', F-2',F-1	cum	4.0	0.20	0.45	3.13	1.13			
		GF Roof Beams									
		B1(300X600)	cum	1.0	18.65	0.30	0.43	2.38			
		B2(450x750)	cum	1.0	18.80	0.45	0.58	4.86			
		B3(450x750)	cum	2.0	18.80	0.45	0.58	9.73			
		B4(450x750)	cum	1.0	15.40	0.45	0.58	3.98			
		B5(300x600)	cum	1.0	15.00	0.30	0.43	1.91			
		B6(300x600)	cum	1.0	23.25	0.30	0.43	2.96			
		B7(300x600)	cum	1.0	23.25	0.30	0.43	2.96			
		B8(300x600)	cum	1.0	18.65	0.30	0.43	2.38			
		B9(300x600)	cum	1.0	18.65	0.30	0.43	2.38			
		B10(200x600)									
		Along grid 1& 2 between D & F	cum	2.0	3.53	0.20	0.43	0.60			
		B10(200x600)									
		Along grid 1'& 2' between E & E'	cum	2.0	1.30	0.20	0.43	0.22			
		B10(200x600)									
		Along grid E& E' between 1' & 2'	cum	2.0	1.80	0.20	0.43	0.31			
		SB1(200x600)	cum	2.0	4.60	0.20	0.43	0.78			
		SB2(200X600)	cum	2.0	3.60	0.20	0.43	0.61			
		GF Slab									
		Slab 1	cum	1.0	25.95	22.38	0.18	101.64			
			cum	1.0	2.20	2.55	0.18	0.98			
		Deduction for openings									
		Staircase and lift portion	Cum	1.0	5.10	-5.80	0.18	-5.18			
		GROUND FLOOR									
		First flight									
		Waist slab	cum	1.0	1.95	1.45	0.18	0.49			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Steps	cum	7.0	1.45		0.02	0.22			
				triangular area 0.5*0.3*0.15=0.022							
		Landing slab	Cum	1.0	1.33	1.45	0.18	0.34			
		Secod flight									
		Waist slab	Cum	1.0	2.68	1.27	0.18	0.60			
		Steps	Cum	8.0	1.30		0.02	0.23			
				triangular area 0.5*0.3*0.15=0.022							
		Landing slab	Cum	1.0	1.33	1.55	0.18	0.36			
		Third flight						0.00			
		Waist slab bottom	Cum	1.0	2.35	1.45	0.18	0.60			
		Steps	Cum	7.0	1.45		0.02	0.22			
				triangular area 0.5*0.3*0.15=0.022							
		Landing	Cum	1.0	2.10	1.65	0.18	0.61			
							Total executed Qty	**524.60**	**7270.72**	**3814219.71**	
							Tender Quantity	**518.73**			
Item No.08		Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Ready mixed Cement concrete for Beams, Staircase and Roof with M-25 etc complete as per specifications and directions of engineer in charge of the work(First Floor).									
		FIRST FLOOR									
		Columns									
		C1									
		Along grid B-4,B-3,D-4,D-3,D-2	cum	5.0	0.45	0.60	3.88	5.23			
		C2									
		Along grid B-5, B-2,D-5	cum	3.0	0.45	0.60	3.88	3.14			
		C3 and C3'									
		Along grid A-4, A-3,B-1,C- 1,D-1, F- 4,F-3	cum	7.0	0.45	0.45	3.88	5.49			
		C4 and C4'									
		Along grid A- 6, A- 5, A- 2,A- 1,B-6,C- 6,D-6,F-6,F-5,F-2,F-1	cum	11.0	0.45	0.45	3.88	8.63			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Rate	Amount	Remarks
					(m)	(m)	(m)		Rs	Rs	
From	To										
		C5									
		Along grid E-2',E-1', F-2',F-1	cum	4.0	0.20	0.45	3.88	1.40			
		Cut Lintel									
		W	Cum	22.0	2.10	0.20	0.20	1.85			
		MD	Cum	1.0	2.10	0.20	0.20	0.08			
		Roof Beams									
		B1(300X600)	cum	1.0	18.65	0.30	0.43	2.38			
		B2(450x750)	cum	1.0	18.80	0.45	0.58	4.86			
		B3(450x750)	cum	2.0	18.80	0.45	0.58	9.73			
		B12(450x750)	cum	1.0	15.40	0.45	0.58	3.98			
		B13(300x600)	cum	1.0	15.00	0.30	0.43	1.91			
		B14(300x600)	cum	1.0	24.75	0.30	0.43	3.16			
		B15(300x600)	cum	1.0	24.75	0.30	0.43	3.16			
		B8(300x600)	cum	1.0	18.65	0.30	0.43	2.38			
		B9(300x600)	cum	1.0	18.65	0.30	0.43	2.38			
		B10(200x600)									
		Along grid 1& 2 between D & F	cum	2.0	3.53	0.20	0.43	0.60			
		B10(200x600)									
		Along grid 1'& 2' between E & E'	cum	2.0	1.30	0.20	0.43	0.22			
		B10(200x600)									
		Along grid E& E' between 1' & 2'	cum	2.0	1.80	0.20	0.43	0.31			
		SB1(200x600)	cum	2.0	4.60	0.20	0.43	0.78			
		SB2(200X600)	cum	2.0	3.60	0.20	0.43	0.61			
		Roof Slab									
		Slab 1	cum	1.0	25.95	22.38	0.18	101.64			
			cum	1.0	2.20	2.55	0.18	0.98			
			cum	1.0	17.40	1.00	0.18	3.05			
			cum	1.0	5.00	1.50	0.18	1.31			
		Deduction for openings									
		Staircase and lift portion	Cum	1.0	5.10	-5.80	0.18	-5.18			
		STAIRCASE									
		First flight									
		Waist slab	cum	1.0	3.00	1.45	0.18	0.76			
		Steps	cum	10.0	1.45		0.02	0.32			
					triangular area 0.5*0.3*0.15=0.022						
		Landing slab	Cum	1.0	1.33	1.45	0.18	0.34			
		Secod flight									
		Waist slab	Cum	1.0	2.42	1.27	0.18	0.54			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Steps	Cum	8.0	1.30		0.02	0.23			
					triangular area 0.5*0.3*0.15=0.022						
		Landing slab	Cum	1.0	1.33	1.55	0.18	0.36			
		Third flight									
		Waist slab bottom	Cum	1.0	2.75	1.45	0.18	0.70			
		Steps	Cum	9.0	1.45		0.02	0.29			
					triangular area 0.5*0.3*0.15=0.022						
		Landing	Cum	1.0	2.10	1.65	0.18	0.61			
							Total executed Qty	**168.22**	**7326.22**	**1232396.62**	
							Tender Quantity	**200.49**			
Item No.09		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work									
		Footing									
		C1									
		Along grid B-4,B-3	Sqm	2.0	19.20		1.10	42.24			
		Along grid D-4,D-3	Sqm	2.0	19.20		1.10	42.24			
		C2	Sqm								
		Along grid B-5, B-2	Sqm	2.0	16.40		1.00	32.80			
		Along grid D-5	Sqm	1.0	16.40		1.00	16.40			
		C3	Sqm								
		Along grid A-4, A-3	Sqm	2.0	14.40		0.75	21.60			
		Along grid B-1	Sqm	1.0	14.40		0.75	10.80			
		Along grid C- 1	Sqm	1.0	14.40		0.75	10.80			
		C3'	Sqm								
		Along grid F- 4,F-3	Sqm	2.0	14.40		0.75	21.60			
		C4	Sqm								
		Along grid A- 6, A- 5, A- 2,A- 1	Sqm	4.0	12.40		0.65	32.24			
		Along grid C- 6	Sqm	1.0	12.40		0.65	8.06			
		Along grid F-6,F-5	Sqm	2.0	12.40		0.65	16.12			
		C4'	Sqm								
		Along grid B-6	Sqm	1.0	12.40		0.65	8.06			
		Along grid D-6	Sqm	1.0	12.40		0.65	8.06			
		CF1	Sqm								
		slab	Sqm	1.0	29.20		0.70	20.44			
		beam	Sqm	2.0	15.40		0.80	24.64			
		lift beam	Sqm								
		LB	Sqm	2.0	4.00		1.05	8.40			
			Sqm	2.0	3.00		1.05	6.30			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Column upto FFL									
		C1									
		Along grid B-4,B-3	sqm	2.0	2.10		1.35	5.67			
		Along grid D-4,D-3	sqm	2.0	2.10		1.35	5.67			
		Along grid D-2	sqm	1.0	2.10		1.35	2.84			
		C2	sqm								
		Along grid B-5, B-2	sqm	2.0	2.10		1.45	6.09			
		Along grid D-5	sqm	1.0	2.10		1.45	3.05			
		C3									
		Along grid A-4, A-3	sqm	2.0	1.80		1.70	6.12			
		Along grid B-1	sqm	1.0	1.80		1.70	3.06			
		Along grid C- 1	sqm	1.0	1.80		1.70	3.06			
		Along grid D- 1	sqm	1.0	1.80		1.70	3.06			
		C3'									
		Along grid F- 4,F-3	sqm	2.0	1.80		1.70	6.12			
		C4									
		Along grid A- 6, A- 5, A- 2,A- 1	sqm	4.0	1.80		1.80	12.96			
		Along grid C- 6	sqm	1.0	1.80		1.80	3.24			
		Along grid F-6,F-5	sqm	2.0	1.80		1.80	6.48			
		Along grid F-2,F-1	sqm	2.0	1.80		1.80	6.48			
		C4'									
		Along grid B-6	sqm	1.0	1.80		1.80	3.24			
		Along grid D-6	sqm	1.0	1.80		1.80	3.24			
		C5									
		Along grid E-2',E-1'	sqm	2.0	1.30		1.75	4.55			
		Along grid F-2',F-1'	sqm	2.0	1.30		1.75	4.55			
							Total executed Qty	**420.27**	**276.92**	**116381.17**	
							Tender Quantity	**374.40**			

Item No.10 Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.

		GROUND FLOOR									
		C1									
		Along grid B-4,B-3,D-4,D-3,D-2	sqm	5.0	2.10		3.13	32.81			
		C2									
		Along grid B-5, B-2,D-5	sqm	3.0	2.10		3.13	19.69			
		C3 and C3'									
		Along grid A-4, A-3,B-1,C- 1,D- 1	sqm	7.0	1.80		3.13	39.38			
		C4 and C4'									

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Along grid A- 6, A- 5, A- 2,A- 1,B-	sqm	11.0	1.80		3.13	61.88			
		C5									
		Along grid E-2',E-1', F-2',F-1	sqm	4.0	1.30		3.13	16.25			
						Total executed Qty		**170.00**	**438.76**	**74589.20**	
						Tender Quantity		**253.86**			
Item No.11		Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.(First Floor)									
		FIRST FLOOR									
		C1									
		Along grid B-4,B-3,D-4,D-3,D-2	sqm	5.0	2.10		3.88	40.69			
		C2									
		Along grid B-5, B-2,D-5	sqm	3.0	2.10		3.88	24.41			
		C3 and C3'									
		Along grid A-4, A-3,B-1,C- 1,D- 1	sqm	7.0	1.80		3.88	48.83			
		C4 and C4'									
		Along grid A- 6, A- 5, A- 2,A- 1,B-	sqm	11.0	1.80		3.88	76.73			
		C5									
		Along grid E-2',E-1', F-2',F-1	sqm	4.0	1.30		3.88	20.15			
						Total executed Qty		**210.80**	**444.31**	**93660.55**	
						Tender Quantity		**392.70**			
Item No.12		Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work .									
		SSM Below Ground									
		Between B-C	cum	2.0	4.95	0.75	0.60	4.46			
		Between C-D	cum	2.0	5.95	0.75	0.60	5.36			
		Between 1-2	cum	2.0	4.60	0.75	0.60	4.14			
		Between 2-3	cum	4.0	4.00	0.75	0.60	7.20			
		Between 3-4	cum	4.0	5.95	0.75	0.60	10.71			
		Between 4-5	cum	4.0	5.95	0.75	0.60	10.71			
		Between 5-6	cum	4.0	2.75	0.75	0.60	4.95			
		Between A-B	cum	2.0	4.13	0.75	0.60	3.71			
		Between A-B	cum	4.0	4.03	0.75	0.60	7.25			
		Between D-F	cum	4.0	3.51	0.75	0.60	6.31			
		For staircase footing	cum	1.0	1.45	0.45	0.90	0.59			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Compound Wall									
		northenside Wall	Cum	1.0	5.00	0.75	0.45	1.69			
		Vidhansoudha grill									
		Westernside	Cum	1.0	29.50	0.60	1.80	31.86			
		Southernside	Cum	1.0	22.20	0.60	1.80	23.98			
							Total executed Qty	**122.90**	**5019.38**	**616886.07**	
							Tender Quantity	**103.38**			
Item No.13		Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work									
		SSM above Ground									
		Between B-C	cum	2.0	4.95	0.45	0.45	2.00			
		Between C-D	cum	2.0	5.95	0.45	0.45	2.41			
		Between 1-2	cum	2.0	4.60	0.45	0.45	1.86			
		Between 2-3	cum	4.0	4.00	0.45	0.45	3.24			
		Between 3-4	cum	4.0	5.95	0.45	0.45	4.82			
		Between 4-5	cum	4.0	5.95	0.45	0.45	4.82			
		Between 5-6	cum	4.0	2.75	0.45	0.45	2.23			
		Between A-B	cum	2.0	4.13	0.45	0.45	1.67			
		Between A-B	cum	4.0	4.03	0.45	0.45	3.26			
		Between D-F	cum	4.0	3.51	0.45	0.45	2.84			
		SSM above Ground									
		Compound Wall									
		northenside Wall	Cum	1.0	5.00	0.45	0.45	1.01			
		Vidhanasoudha grill									
		Above GL									
		Westernside	cum	1.0	29.50	0.45	0.60	7.97			
		Southernside	cum	1.0	22.35	0.45	0.60	6.03			
		Deduction									
		Westernside	Cum	-10.0	0.45	0.45	0.60	-1.22			
		Southernside	Cum	-8.0	0.45	0.45	0.60	-0.97			
							Total executed Qty	**41.98**			
							Tender Quantity	**47.79**			
							Quantity upto 125%	**41.98**	**5999.99**	**251882.85**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.14		Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work									
		PCC (ABOVE SSM)									
		Between B-C	cum	2.0	4.95	0.45	0.10	0.45			
		Between C-D	cum	2.0	5.95	0.45	0.10	0.54			
		Between 1-2	cum	2.0	4.60	0.45	0.10	0.41			
		Between 2-3	cum	4.0	4.00	0.45	0.10	0.72			
		Between 3-4	cum	4.0	5.95	0.45	0.10	1.07			
		Between 4-5	cum	4.0	5.95	0.45	0.10	1.07			
		Between 5-6	cum	4.0	2.75	0.45	0.10	0.50			
		Between A-B	cum	2.0	4.13	0.45	0.10	0.37			
		Between A-B	cum	4.0	4.03	0.45	0.10	0.72			
		Between D-F	cum	4.0	3.51	0.45	0.10	0.63			
		For staircase footing	cum	1.0	1.45	0.45	0.10	0.07			
		PLINTH AREA									
			Cum	1.0	25.90	20.90	0.15	81.20			
		Deduction for columns									
		Lift	Cum	1.0	2.20	2.20	-0.15	-0.73			
		C1	cum	5.0	0.45	0.60	-0.15	-0.20			
		C2	cum	3.0	0.45	0.60	-0.15	-0.12			
		C3	cum	7.0	0.45	0.45	-0.15	-0.21			
		C4	cum	11.0	0.45	0.45	-0.15	-0.33			
		C5	cum	4.0	0.20	0.45	-0.15	-0.05			
		Compound Wall									
		PCC above SSM									
		northenside Wall	Cum	1.0	5.00	0.45	0.15	0.34			
		Parking area									
			sqm	1.0	25.70	20.90	0.15	80.57			
		Dedutions									
		Toilet	sqm	-1.0	4.60	4.45	0.15	-3.07			
		Staircase and lift	sqm	-1.0	5.50	4.60	0.15	-3.80			
		C1, C2	sqm	-6.0	0.60	0.45	0.15	-0.24			
		C3, C4	sqm	-15.0	0.45	0.45	0.15	-0.46			
		Arround Building									
		northen side	Cum	1.0	34.03	0.16	0.15	0.79			
			Cum	0.5	34.30	1.25	0.15	3.22			
		Easternside	Cum	1.0	28.70	1.50	0.15	6.46			
			Cum	0.5	28.70	2.19	0.15	4.71			
		Westernside	Cum	1.0	28.70	2.45	0.15	10.54			
			Cum	0.5	28.70	7.00	0.15	15.07			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Southernside	Cum	1.0	20.90	3.00	0.15	9.41			
		Vidhansoudha grill									
		Westernside	cum	1.0	29.50	0.45	0.15	1.99			
		Southernside	cum	1.0	22.35	0.45	0.15	1.51			
		Pole Concrete									
		Westernside	Cum	10.0	0.45	0.45	0.60	1.22			
		Southernside	Cum	8.0	0.45	0.45	0.60	0.97			
							Total executed Qty	**215.30**			
							Tender Quantity	**34.36**			
							Quantity upto 125%	**42.95**	**6522.67**	**280148.68**	
							Quantity Above 125%	**172.35**	**6499.89**	**1120260.48**	
Item No.15		Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour etc complete as per specifications and directions of engineer in charge of the work									
		Filling in foundations									
			Cum	(Footing Excavation - Sump Excavation) (813.50-70.91)=742.59							
		Excavated earth quantity	Cum	From Item No 3				**742.59**			
		Footing Concrete Quantity	Cum	From Item No 7				**-321.95**			
		SSM	Cum	From Item No 12				**-65.38**			
				(Footing, SSM PCC- Sump PCC) (73.14-3=70.14)							
		PCC	Cum	From Item No 06				**-70.14**			
		Granite Trap Broken	Cum	From Item No 04				**-35.81**			
		Filling in foundations									
		Excavated earth quantity	Cum	From				**80.76**			
		SSM	Cum	From				**-57.52**			
		PCC	Cum	From				**-4.57**			
							Total executed Qty	**267.97**	**152.25**	**40798.82**	
							Tender Quantity	**890.17**			
Item No.16		Earthwork excavation in soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour etc complete as per specifications and directions of engineer in charge of the work									
		Plinth area									
			cum	1.0	25.30	20.50	0.60	311.19			
							Total executed Qty	**311.19**	**304.50**	**94757.36**	
							Tender Quantity	**292.05**			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.17		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work									
		PLINTH BEAM (ABOVE SSM)									
		PB1									
		Between B-C	Sqm	4.0	4.95		0.60	11.88			
		Between C-D	Sqm	4.0	5.95		0.60	14.28			
		Between 1-2	Sqm	8.0	4.60		0.60	22.08			
		Between 3-4	Sqm	8.0	5.95		0.60	28.56			
		Between 4-5	Sqm	8.0	5.95		0.60	28.56			
		PB2									
		Between A-B	Sqm	4.0	4.13		0.60	9.90			
		Between A-B	Sqm	8.0	4.03		0.60	19.32			
		Between D-F	Sqm	4.0	3.61		0.60	8.66			
		Between D-F	Sqm	8.0	3.51		0.60	16.83			
		Between 2-3	Sqm	8.0	4.00		0.60	19.20			
		Between 5-6	Sqm	8.0	2.75		0.60	13.20			
							Total executed Qty	**192.47**			
							Tender Quantity	**120.32**			
							Quantity Upto 125%	**150.40**	**306.89**	**46156.26**	
							Quantity Above 125%	**42.07**	**350.05**	**14726.73**	
Item No.18		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work									
		GROUND FLOOR									
		Beam Sides									
		B1(300X600)	Sqm	2.0	18.65		0.43	15.85			
		B2(450x750)	Sqm	2.0	18.80		0.58	21.62			
		B3(450x750)	Sqm	4.0	18.80		0.58	43.24			
		B4(450x750)	Sqm	2.0	15.40		0.58	17.71			
		B5(300x600)	Sqm	2.0	15.00		0.43	12.75			
		B6(300x600)	Sqm	2.0	23.25		0.43	19.76			
		B7(300x600)	Sqm	2.0	23.25		0.43	19.76			
		B8(300x600)	Sqm	2.0	18.65		0.43	15.85			
		B9(300x600)	Sqm	2.0	18.65		0.43	15.85			
		B10(200x600)	Sqm					0.00			
		Along grid 1& 2 between D & F	Sqm	4.0	3.53		0.43	6.00			
		B10(200x600)	Sqm					0.00			
		Along grid 1'& 2' between E & E'	Sqm	4.0	1.30		0.43	2.21			
		B10(200x600)	Sqm					0.00			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Along grid E& E' between 1' & 2'	Sqm	4.0	1.80		0.43	3.06			
		SB1(200x600)	Sqm	4.0	4.60		0.43	7.82			
		SB2(200X600)	Sqm	4.0	3.60		0.43	6.12			
							Total executed Qty	**207.62**	**306.89**	**63715.55**	
							Tender Quantity	**340.16**			
Item No.19		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work (First Floor)									
		Roof Beams									
		B1(300X600)	Sqm	2.0	18.65		0.43	15.85			
		B2(450x750)	Sqm	2.0	18.80		0.58	21.62			
		B3(450x750)	Sqm	4.0	18.80		0.58	43.24			
		B12(450x750)	Sqm	2.0	15.40		0.58	17.71			
		B13(300x600)	Sqm	2.0	15.00		0.43	12.75			
		B14(300x600)	Sqm	2.0	24.75		0.43	21.04			
		B15(300x600)	Sqm	2.0	24.75		0.43	21.04			
		B8(300x600)	Sqm	2.0	18.65		0.43	15.85			
		B9(300x600)	Sqm	2.0	18.65		0.43	15.85			
		B10(200x600)	Sqm								
		Along grid 1& 2 between D & F	Sqm	4.0	3.53		0.43	6.00			
		B10(200x600)	Sqm					0.00			
		Along grid 1'& 2' between E & E'	Sqm	4.0	1.30		0.43	2.21			
		B10(200x600)	Sqm					0.00			
		Along grid E& E' between 1' & 2'	Sqm	4.0	1.80		0.43	3.06			
		SB1(200x600)	Sqm	4.0	4.60		0.43	7.82			
		SB2(200X600)	Sqm	4.0	3.60		0.43	6.12			
		Cut Lintel									
		W	Sqm	44.0	2.10		0.20	18.48			
		MD	Sqm	2.0	2.10		0.20	0.84			
							Total executed Qty	**229.49**	**312.44**	**71700.89**	
							Tender Quantity	**333.97**			
Item No.20		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the									
		GROUND FLOOR STAIRCASE									
		First flight									
		Waist slab bottom	sqm	1.0	1.95	1.45		2.82			
		Sides	sqm	2.0	1.95		0.18	0.68			
		Riser	sqm	7.0	1.45		0.15	1.52			
		Landing slab	sqm								
		Bottom	sqm	1.3	1.45	1.45		2.79			
		Side	sqm	1.0	4.35		0.18	0.76			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Second flight									
		Waist slab bottom	sqm	1.0	2.68	1.27		3.41			
		Sides	sqm	2.0	2.68		0.18	0.94			
		Riser	sqm	8.0	1.30		0.15	1.56			
		Landing slab									
		Bottom	Sqm	1.0	1.33	1.55		2.05			
		Side	Sqm	1.0	4.20		0.18	0.74			
		Third flight									
		Waist slab bottom	sqm	1.0	2.35	1.45		3.40			
		Sides	sqm	2.0	2.35		0.18	0.82			
		Riser	sqm	7.0	1.45		0.15	1.52			
		Landing	sqm								
		Bottom	sqm	1.0	2.10	1.65	0.18	0.61			
		Side	sqm	1.0	5.85		0.18	1.02			
					Total executed Qty			**24.64**			
					Tender Quantity			**16.50**			
					Quantity Upto 125%			**20.63**	**569.43**	**11744.49**	
					Quantity Above 125%			**4.02**	**623.38**	**2505.85**	
Item No.21		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work (First Floor)									
		FIRST FLOOR STAIRCASE									
		First flight									
		Waist slab bottom	sqm	1.0	3.00	1.45		4.35			
		Sides	sqm	2.0	3.00		0.18	1.05			
		Riser	sqm	10.0	1.45		0.15	2.18			
		Landing slab	sqm								
		Bottom	sqm	1.0	1.33	1.45		1.92			
		Side	sqm	1.0	4.10		0.18	0.72			
		Second flight									
		Waist slab bottom	sqm	1.0	2.42	1.27		3.07			
		Sides	sqm	2.0	2.42		0.18	0.85			
		Riser	sqm	8.0	1.45		0.15	1.74			
		Landing slab									
		Bottom	Sqm	1.0	1.33	1.55		2.05			
		Side	Sqm	1.0	4.20		0.18	0.74			
		Third flight									
		Waist slab bottom	sqm	1.0	2.75	1.45		3.99			
		Sides	sqm	2.0	2.75		0.18	0.96			
		Riser	sqm	9.0	1.45		0.15	1.96			
		Landing	sqm								

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Bottom	sqm	1.0	2.10	1.65	0.18	0.61			
		Side	sqm	1.0	5.85		0.18	1.02			
						Total executed Qty		**27.20**			
						Tender Quantity		**16.50**			
						Quantity Upto 125%		**20.63**	**574.98**	**11858.96**	
						Quantity Above 125%		**6.58**	**629.37**	**4138.44**	
Item No.22		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work									
		GROUND FLOOR ROOF									
		Slab	sqm	1.0	25.95	22.38		580.81			
			sqm	1.0	2.20	2.55		5.61			
		Slab Sides	sqm	1.0	96.66		0.18	16.92			
		For sunken portion	sqm	1.0	13.75		0.15	2.06			
		near lift	sqm	1.0	9.50		0.18	1.66			
		Deduction for openings									
		Staircase and lift portion	sqm	1.0	5.05	-4.06		-20.49			
		Staircase landing	sqm	2.0	1.45	1.50		4.35			
		sump									
		Bottom slab sides	sqm	1.0	18.00		0.20	3.60			
		Top slab sides	sqm	1.0	18.00		0.15	2.70			
		Sump top Slab	sqm	1.0	5.00	4.00		20.00			
		side wall(outer side)	sqm	4.0	5.00		3.00	60.00			
		side wall(inner side)	sqm	4.0	3.60		3.00	43.20			
						Total executed Qty		**720.43**			
						Tender Quantity		**680.41**			
						Quantity Upto 125%		**720.43**	**460.34**	**331641.02**	
Item No.23		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work(First Floor)									
		First Floor Roof Slab									
		Slab Bottom	Sqm	1.0	25.95	22.38		580.81			
			Sqm	1.0	2.20	2.55		5.61			
			Sqm	1.0	17.40	1.00		17.40			
			Sqm	1.0	5.00	1.50		7.50			
		Slab Sides	Sqm	1.0	99.66		0.18	17.44			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client	Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		For sunken portion	sqm	1.0	13.75		0.15	2.06			
		near lift	sqm	1.0	9.50		0.18	1.66			
							Total executed Qty	**632.49**	**465.89**	**294670.35**	
							Tender Quantity	**632.49**			
Item No. 24		Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work									
		Ground Floor									
		Gent's and Ladies Toilet									
			Sqm	2.0	4.60		2.55	23.46			
			Sqm	2.0	4.90		2.70	26.46			
		Deduction	Sqm								
		Column	Sqm	4.0	0.60		-2.55	-6.12			
			Sqm	4.0	0.45		-2.70	-4.86			
		V	Sqm	4.0	0.75		-0.60	-1.80			
		D2	Sqm	2.0	0.75		-2.10	-3.15			
		Staircase portion									
			Sqm	1.0	4.60		2.70	12.42			
			Sqm	1.0	5.50		2.70	14.85			
		Lift(INNER WALLS)	Sqm	2.0	2.21		3.30	14.59			
			sqm	2.0	1.75		3.30	11.55			
		Deduction									
		Column	Sqm	2.0	0.45		-2.70	-2.43			
			Sqm	2.0	0.45		-2.70	-2.43			
			Sqm	2.0	0.20		-2.70	-1.08			
			Sqm	2.0	0.60		-2.70	-3.24			
		Lift opening	Sqm	1.0	1.75		-2.10	-3.68			
		Compound Wall									
		northenside Wall	Sqm	1.0	5.00		1.80	9.00			
							Total Executed Quantity	**83.54**	**1123.28**	**93839.93**	
							Tender Quantity	**509.98**			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.25		Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work (First Floor)									
		Outerwall									
			Sqm	2.0	20.90		3.45	144.21			
			Sqm	2.0	25.30		3.45	174.57			
		Deduction									
		W	Sqm	22.0	-1.20		1.80	-47.52			
		MD	Sqm	1.0	-1.80		2.10	-3.78			
		V	Sqm	3.0	-0.60		0.75	-1.35			
		Column	Sqm	18.0	-0.45		3.45	-27.95			
		Cut Lintel									
		W	Sqm	22.0	-2.10		0.20	-9.24			
		MD	Sqm	1.0	-2.10		0.20	-0.42			
		Staircase portion	Sqm	1.0	4.60		2.70	12.42			
			Sqm	1.0	5.50		2.70	14.85			
		Lift(INNER WALLS)	Sqm	2.0	2.21		3.30	14.59			
			sqm	2.0	1.75		3.30	11.55			
		Toilet	Sqm	1.0	4.00		3.30	0.00			
			Sqm	2.0	3.00		3.45	0.00			
		Deduction									
		Lift opening	Sqm	1.0	1.75		-2.10	-3.68			
		Column	Sqm	2.0	0.45		-2.70	-2.43			
			Sqm	2.0	0.20		-2.70	-1.08			
			Sqm	2.0	0.60		-2.70	-3.24			
							Total executed Qty	**271.51**	**1156.58**	**314018.41**	
							Tender Quantity	**348.86**			
Item No. 26		Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work (Ground Floor)									
		Ground Floor	Cum								
		D2	Cum	2.0	4.95	0.10	0.08	0.07			
							Total executed Qty	**0.07**	**123302.57**	**8631.18**	
							Tender Quantity	**0.32**			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 27		Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) etc complete as per specifications and directions of engineer in charge of the work									
		Ground Floor									
		D2	Sqm	2.0	0.75		2.10	3.15			
							Total executed Qty	**3.15**	**5566.03**	**17532.99**	
							Tender Quantity	**6.30**			
Item No. 28		SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size etc complete as per specifications and directions of engineer in charge of the work									
		Ground Floor									
		Gents and ladies Toilet	**Sqm**	**4.0**	**0.62**		**2.10**	5.21			
							Total executed Qty	**5.21**	**630.57**	**3285.27**	
							Tender Quantity	**83.79**			
Item No. 29		SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges etc complete as per specifications and directions of engineer in charge of the work									
		Ground Floor									
		Gents and ladies Toilet	Sqm	4.0	0.62		2.10	5.21			
							Total executed Qty	**5.21**	**3827.77**	**19942.68**	
							Tender Quantity	**11.30**			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.30		Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour etc complete as per specifications and directions of engineer in charge of the work									
		Water proofing									
		Roof slab	cum	1.0	25.95	22.40		581.28			
			cum	1.0	5.00	1.50		7.50			
			cum	1.0	17.40	1.00		17.40			
		Deduction									
		Staircase and lift portion	Cum	1.0	5.10	-5.80		-29.58			
							Total executed Qty	**576.60**	**1083.72**	**624872.95**	
							Tender Quantity	**579.36**			
Item No. 31		Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery etc complete as per specifications and directions of engineer in charge of the work									
		Ground Floor									
		V	kgs	4.0			9.45	37.80			
				21kg per sqm 0.75*0.6*21=9.45							
		First Floor									
		W	kgs	20.0			56.70	1134.00			
				21kg per sqm 1.8*1.5*21=56.7							
		V	kgs	3.0			9.45	28.35			
				21kg per sqm 0.75*0.6*21=9.45							
							Total Executed Quantity	**1200.15**			
							Tender Quantity	**975.24**			
							Quantity upto 125%	**1200.15**	**99.06**	**118886.86**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 32		KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any using aluminium section anodized to 12 - 15 microns etc complete as per specifications and directions of engineer in charge of the work									
		Ground Floor									
		V	Sqm	4.0	0.75		0.60	1.80			
		Total Executed Quantity						**1.80**			
		Tender Quantity						**1.62**			
		Quantity upto 125%						**1.80**	**4577.02**	**8238.64**	
Item No. 33		KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement FIRST FLOOR									
		First Floor									
		W	Sqm	20.0	1.80		1.50	54.00			
		V	Sqm	3.0	0.75		0.60	1.35			
		Total Executed Quantity						**55.35**			
		Tender Quantity						**44.82**			
		Quantity upto 125%						**55.35**	**4580.35**	**253522.37**	
Item No. 34		Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m. etc complete as per specifications and directions of engineer in charge of the work									
		Item Not Operated									

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 35		Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work									
		Item Not Operated									
Item No. 36		Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work									
		Ground Floor									
			Sqm	1.0	22.40	25.95		581.28			
		Beam	Sqm	8.0	20.90		0.58	96.14			
			Sqm	1.0	20.90		0.43	8.88			
			Sqm	1.0	20.90		0.60	12.54			
			Sqm	3.0	25.95		0.43	33.09			
			Sqm	3.0	20.45		0.43	26.07			
			Sqm	1.0	20.45		0.60	12.27			
			Sqm	1.0	25.95		0.60	15.57			
		Deduction									
			Sqm	1.0	4.50	-5.50		-24.75			
		Column									
		C1	Sqm	6.0	0.45	-0.60		-1.62			
		C2	Sqm	3.0	0.45	-0.60		-0.81			
		C3	Sqm	7.0	0.45	-0.45		-1.42			
		C4	Sqm	11.0	0.45	-0.45		-2.23			
		C5	Sqm	4.0	0.20	-0.45		-0.36			
							Total executed Qty	**754.66**			
							Tender Quantity	**570.25**			
							Quantity upto 125%	**712.81**	**261.34**	**186286.42**	
							Quantity above 125%	**41.85**	**281.72**	**11788.49**	
Item No. 37		Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work									
		First Floor									
			Sqm	1.0	22.40	25.95		581.28			
			Sqm	1.0	17.40	1.00		17.40			
			Sqm	1.0	5.00	1.50		7.50			
		Beam	Sqm	8.0	20.90		0.58	96.14			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			Sqm	1.0	20.90		0.43	8.88			
			Sqm	1.0	20.90		0.60	12.54			
			Sqm	3.0	27.45		0.43	35.00			
			Sqm	3.0	20.45		0.43	26.07			
			Sqm	1.0	20.45		0.60	12.27			
			Sqm	1.0	27.45		0.60	16.47			
		Deduction									
			Sqm	1.0	4.50	-5.50		-24.75			
		Column									
		C1	Sqm	6.0	0.45	-0.60		-1.62			
		C2	Sqm	3.0	0.45	-0.60		-0.81			
		C3	Sqm	7.0	0.45	-0.45		-1.42			
		C4	Sqm	11.0	0.45	-0.45		-2.23			
		C5	Sqm	4.0	0.20	-0.45		-0.36			
		chejja Plastering									
		Bottom									
		W	Sqm	15.0	1.80	0.30		8.10			
		V	Sqm	3.0	1.05	0.30		0.95			
		Top									
		W	Sqm	15.0	1.80	0.30		8.10			
		V	Sqm	3.0	1.05	0.30		0.95			
		Side									
		W	Sqm	15.0	2.40		0.10	3.60			
		V	Sqm	3.0	1.65		0.10	0.50			
							Total executed Qty	**804.56**			
							Tender Quantity	**682.43**			
							Quantity upto 125%	**804.56**	**266.89**	**214727.68**	
Item No. 38		Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work									
		Ground Floor									
		Column									
		C1, C2	Sqm	6.0	2.10		2.55	32.13			
		C3,C4	Sqm	15.0	1.80		2.55	68.85			
		Gent's and Ladies Toilet									
			Sqm	4.0	4.60		1.03	18.86			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			Sqm	4.0	4.90		1.03	20.09			
		WC	Sqm	4.0	1.50		1.03	6.15			
		Staircase portion									
			Sqm	2.0	4.60		3.30	30.36			
			Sqm	1.0	5.50		3.30	18.15			
		Lift(INNER WALLS)	Sqm	4.0	2.21		3.30	29.17			
			sqm	4.0	1.75		3.30	23.10			
		Deduction									
		Lift opening	Sqm	2.0	1.75		-2.10	-7.35			
							Total executed Qty	**239.51**	**294.90**	**70632.09**	
							Tender Quantity	**678.78**			
Item No. 39		Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work (First Floor)									
		Hall	Sqm	2.0	20.50		3.88	158.88			
			Sqm	2.0	25.30		3.88	196.08			
		Column	Sqm								
		C1	Sqm	4.0	2.10		3.30	27.72			
		C2	Sqm	2.0	2.10		3.30	13.86			
		C3,C4	Sqm	12.0	0.50		3.30	19.80			
		Deduction									
		W	Sqm	-10.0	1.20		1.80	-21.60			
		MD	Sqm	-0.5	1.80		2.10	-1.89			
		V	Sqm	-1.5	0.60		0.75	-0.68			
		Staircase portion	Sqm	2.0	4.60		3.88	35.65			
				2.0	5.50		3.88	42.68			
		Lift(INNER WALLS)	Sqm	4.0	2.21		4.05	35.80			
			sqm	4.0	1.75		5.05	35.35			
		Toilet									
		Outer walls	Sqm	1.0	4.80		3.40	16.32			
			Sqm	2.0	4.80		1.30	12.48			
			Sqm	1.0	3.45		3.25	11.21			
			Sqm	2.0	3.45		1.15	7.94			
		Ladies toilet partition	Sqm	2.0	1.15		0.25	0.58			
			Sqm	1.0	3.30		1.15	3.80			
		Gents Toilet partions	sqm	1.0	3.30		1.15	3.80			
			sqm	2.0	3.30		0.25	1.65			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client | **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			sqm	2.0	1.87		0.25	0.94			
		Deduction									
		Lift opening	Sqm	1.0	1.75		-2.10	-3.68			
		D2	Sqm	1.0	0.90		-2.10	-1.89			
							Total executed Qty	**594.78**			
							Tender Quantity	**420.39**			
							Quantity upto 125%	**525.49**	**300.45**	**157882.72**	
							Quantity above 125%	**69.29**	**320.08**	**22178.96**	
Item No. 40		Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing (Outside Wall) etc complete as per specifications and directions of engineer in charge of the work									
		Gent's and Ladies Toilet									
			Sqm	1.0	4.60		3.30	15.18			
			Sqm	2.0	4.90		3.30	32.34			
		near staircase	Sqm	1.0	5.50		3.30	18.15			
			Sqm	1.0	4.60		3.30	15.18			
		Deduction									
		V	Sqm	2.0	0.75		-0.60	-0.90			
		D2	Sqm	1.0	0.75		-2.10	-1.58			
		Compound Wall									
		northenside Wall	Sqm	2.0	5.00		1.80	18.00			
							Total executed Qty	**96.38**	**310.49**	**29923.47**	
							Tender Quantity	**310.49**			
Item No. 41		Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing (Outside Wall) etc complete as per specifications and directions of engineer in charge of the work FIRST FLOOR									
		First Floor									
			Sqm	2.0	20.50		4.05	166.05			
			Sqm	2.0	25.30		4.05	204.93			
		Deduction									
		W	Sqm	-10.0	1.20		1.80	-21.60			
		MD	Sqm	-0.5	1.80		2.10	-1.89			
		V	Sqm	-1.5	0.60		0.75	-0.68			
							Total executed Qty	**346.82**	**316.04**	**109607.41**	
							Tender Quantity	**529.89**			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client	Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No. 42		Flooring with 25mm to 40mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing etc complete as per specifications and directions of engineer in charge of the work									
		Item Not Operated									
Item No. 43		Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc complete as per specifications and directions of engineer in charge of the work									
		Item Not Operated									
Item No. 44		Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing etc complete as per specifications and directions of engineer in charge of the work									
		Item Not Operated									
Item No.45		Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 etc complete as per specifications and directions of engineer in charge of the work (Grond Floor)									
		Sump	tonne	from steel Calculation Sheet				2.14			
		Footing	tonne	from steel Calculation Sheet				17.08			
		Column upto FFL	tonne	from steel Calculation Sheet				3.46			
		Plinth Beam	tonne	from steel Calculation Sheet				5.44			
		Columns upto First floor level	tonne	from steel Calculation Sheet				3.83			
		Staircase	tonne	from steel Calculation Sheet				0.72			
		Beams	tonne	from steel Calculation Sheet				14.16			
		Slabs	tonne	from steel Calculation Sheet				11.15			
		Total executed Qty						**57.97**	**72655.67**	**4211750.74**	
		Tender Quantity						**121.70**			
Item No.46		Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 etc complete as per specifications and directions of engineer in charge of the work (First Floor)									
		Column	tonne	from steel Calculation Sheet				**4.69**			
		Staircase	tonne	from steel Calculation Sheet				**0.76**			
		Beams	tonne	from steel Calculation Sheet				**14.66**			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Slabs	tonne	from steel Calculation Sheet				**11.90**			
		Lintels	tonne	from steel Calculation Sheet				**0.23**			
		Chajja	tonne	from steel Calculation Sheet				**0.10**			
							Total executed Qty	**32.34**	**72655.67**	**2349806.09**	
							Tender Quantity	**32.08**			
Item No.47		Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work									
		Item Not Operated									
E1		Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton and as per the directions of the Engineer-in-charge of the work									
		Chejja									
		First floor									
		W									
		Bottom	Sqm	15.0	1.80	0.30		8.10			
		Front	Sqm	15.0	1.80		0.10	2.70			
		Sides	Sqm	30.0		0.30	0.10	0.90			
		V									
		Bottom	Sqm	3.0	1.05	0.30		0.95			
		Front	Sqm	3.0	1.05		0.10	0.32			
		Sides	Sqm	6.0		0.30	0.10	0.18			
							Total executed Qty	**13.14**	**387.21**	**5087.97**	
E2		KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6									
		Chejja									
		First floor									
		W	Sqm	15.0	1.80	0.30		8.10			
		V	Sqm	3.0	1.05	0.30		0.95			
							Total Executed Quantity	**9.05**	**533.47**	**4827.87**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E3		Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (Ground Floor)									
		Ground Floor									
		Gent's Toilet									
		WC	Sqm	1.0	2.20		3.13	6.88			
			Sqm	1.0	1.50		3.13	4.69			
		Ladies Toilet									
		WC	Sqm	1.0	2.20		3.13	6.88			
			Sqm	1.0	1.50		3.13	4.69			
		Deductions									
		D3	Sqm	-4.0	0.62		2.10	-5.21			
							Total Executed Quantity	**17.93**	**972.23**	**17432.03**	
E4		Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (First Floor)									
		First Floor									
		Longer direction	Sqm	1.0	4.80		3.40	16.32			
			Sqm	1.0	1.87		2.35	4.39			
			Sqm	1.0	1.15		2.35	2.70			
		Shorter direction	Sqm	2.0	3.30		3.25	21.45			
			Sqm	1.0	3.30		2.35	7.76			
		Dedutions									
		D1	Sqm	-3.0	0.75		2.10	-4.73			
		D2	Sqm	-2.0	0.90		2.10	-3.78			
							Total Executed Quantity	**44.11**	**1014.18**	**44735.69**	
E5		KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Ground Floor)									
		Ground Floor									
		Gent's and Ladies Toilet									
			Sqm	4.0	4.60		2.10	38.64			
			Sqm	4.0	4.90		2.10	41.16			
		WC	Sqm	4.0	1.50		2.10	12.60			
		Deduction									
		D3	Sqm	-4.0	0.62		2.10	-5.21			
		D2	Sqm	-1.0	0.75		2.10	-1.58			
		V	Sqm	-2.0	0.75		0.60	-0.90			
							Total Executed Quantity	**84.72**	**245.75**	**20819.54**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E6		KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(First Floor)									
		First Floor									
		Toilet									
		Outer walls	Sqm	2.0	4.80		2.10	20.16			
			Sqm	2.0	3.45		2.10	14.49			
		Ladies toilet partition	Sqm	2.0	1.15		2.10	4.83			
			Sqm	1.0	3.30		2.10	6.93			
		Gents Toilet partions	sqm	1.0	3.30		2.10	6.93			
			sqm	2.0	3.30		2.10	13.86			
			sqm	2.0	1.87		2.10	7.85			
		Deduction									
		D2	Sqm	1.0	0.90		-2.10	-1.89			
		D3	Sqm	3.0	0.75		-2.10	-4.73			
		V	Sqm	-1.5	0.75		0.60	-0.68			
							Total Executed Quantity	**67.76**	**252.95**	**17140.69**	
E7		KSRB 9.4-1 : Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33.									
		Ground Floor									
		First Floor									
		MD	Cum	1.0	7.80	0.15	0.13	0.15			
							Total Executed Quantity	**0.15**	**191906.30**	**28066.30**	
E8		KSRB 9.5-1 : Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 (First Floor)									
		MD	Sqm	1.0	1.80		2.10	3.78			
							Total Executed Quantity	3.78	**9724.67**	**36759.24**	
E9		Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 1200mm (First Floor)									
		First Floor									
		Hall	Sqm	1.0	25.50	20.40		520.20			
		Passage balcony	Sqm	1.0	25.90	1.50		38.85			
			Sqm	1.0	4.60	0.95		4.37			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Deductions									
		Toilet area	Sqm	-1.0	4.80	3.45		-16.56			
		Staircase area	Sqm	-1.0	5.35	4.42		-23.65			
		C1,C2	Sqm	-6.0	0.68	0.54		-2.20			
		C3, C4	Sqm	-10.0	0.52	0.26		-1.35			
		C3, C4	Sqm	-2.0	0.25	0.25		-0.13			
		Skirting									
		Inside	Sqm	2.0	25.50		0.10	5.10			
			Sqm	2.0	20.40		0.10	4.08			
		Columns	Sqm	12.0	0.68		0.10	0.82			
			Sqm	12.0	0.54		0.10	0.65			
			Sqm	20.0	0.52		0.10	1.04			
			Sqm	20.0	0.26		0.10	0.52			
			Sqm	4.0	0.25		0.10	0.10			
			Sqm	4.0	0.25		0.10	0.10			
		Passage	Sqm	1.0	19.00		0.10	1.90			
		Dedutions	Sqm	-1.0	2.10		0.10	-0.21			
			Sqm	-1.0	1.20	0.50		-0.60			
							Total Executed Quantity	**533.03**	**3285.91**	**1751478.52**	
E10		SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size etc complete as per specifications and directions of engineer in charge of the work (First Floor)									
		D1	Sqm	3.0	0.75		2.10	4.73			
							Total Executed Quantity	**4.73**	**563.44**	**2665.05**	
E11		SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges etc complete as per specifications and directions of engineer in charge of the work (First Floor)									
		D1	Sqm	3.0	0.75		2.10	4.73			
							Total Executed Quantity	**4.73**	**3331.47**	**15757.83**	
E12		Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work (First Floor)									
		D2	Cum	2.0	5.10	0.10	0.08	0.08			
							Total Executed Quantity	**0.08**	**105024.47**	**8401.96**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E13		Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) etc complete as per specifications and directions of engineer in charge of the work (First Floor)									
		D2	Sqm	2.0	0.90		2.10	3.78			
							Total Executed Quantity	**3.78**	**5665.53**	**21415.70**	
E14		providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification.									
		Ground Floor									
		Column									
		C1, C2	Sqm	6.0	2.10		2.55	32.13			
		C3,C4	Sqm	15.0	1.80		2.55	68.85			
		Gent's and Ladies Toilet									
			Sqm	4.0	4.60		1.03	18.86			
			Sqm	4.0	4.90		1.03	20.09			
		WC	Sqm	4.0	1.50		1.03	6.15			
		Staircase portion									
			Sqm	2.0	4.60		3.30	30.36			
			Sqm	1.0	5.50		3.30	18.15			
		Lift(INNER WALLS)	Sqm	4.0	2.21		3.30	29.17			
			sqm	4.0	1.75		3.30	23.10			
		Deduction									
		Lift opening	Sqm	2.0	1.75		-2.10	-7.35			
		ceiling									
			Sqm	1.0	22.40	25.95		581.28			
		Beam	Sqm	8.0	20.90		0.58	96.14			
			Sqm	1.0	20.90		0.43	8.88			
			Sqm	1.0	20.90		0.60	12.54			
			Sqm	3.0	25.95		0.43	33.09			
			Sqm	3.0	20.45		0.43	26.07			
			Sqm	1.0	20.45		0.60	12.27			
			Sqm	1.0	25.95		0.60	15.57			
		Deduction									
			Sqm	1.0	4.50	-5.50		-24.75			
		Column									
		C1	Sqm	6.0	0.45	-0.60		-1.62			
		C2	Sqm	3.0	0.45	-0.60		-0.81			
		C3	Sqm	7.0	0.45	-0.45		-1.42			
		C4	Sqm	11.0	0.45	-0.45		-2.23			
		C5	Sqm	4.0	0.20	-0.45		-0.36			
		First Floor									
		Hall	Sqm	2.0	20.50		3.88	158.88			
			Sqm	2.0	25.30		3.88	196.08			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client | **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Column	Sqm								
		C1	Sqm	4.0	2.10		3.30	27.72			
		C2	Sqm	2.0	2.10		3.30	13.86			
		C3,C4	Sqm	12.0	0.50		3.30	19.80			
		Deduction									
		W	Sqm	-10.0	1.20		1.80	-21.60			
		MD	Sqm	-0.5	1.80		2.10	-1.89			
		V	Sqm	-1.5	0.60		0.75	-0.68			
		Staircase portion	Sqm	2.0	4.60		3.88	35.65			
				2.0	5.50		3.88	42.68			
		Lift(INNER WALLS)	Sqm	4.0	2.21		4.05	35.80			
			sqm	4.0	1.75		5.05	35.35			
		Toilet									
		Outer walls	Sqm	1.0	4.80		3.40	16.32			
			Sqm	2.0	4.80		1.30	12.48			
			Sqm	1.0	3.45		3.25	11.21			
			Sqm	2.0	3.45		1.15	7.94			
		Ladies toilet partition	Sqm	2.0	1.15		0.25	0.58			
			Sqm	1.0	3.30		1.15	3.80			
		Gents Toilet partions	sqm	1.0	3.30		1.15	3.80			
			sqm	2.0	3.30		0.25	1.65			
			sqm	2.0	1.87		0.25	0.94			
		Deduction									
		Lift opening	Sqm	1.0	1.75		-2.10	-3.68			
		D2	Sqm	1.0	0.90		-2.10	-1.89			
		First Floor									
		ceiling									
		First Floor									
			Sqm	1.0	22.40	25.95		581.28			
			Sqm	1.0	17.40	1.00		17.40			
			Sqm	1.0	5.00	1.50		7.50			
		Beam	Sqm	8.0	20.90		0.58	96.14			
			Sqm	1.0	20.90		0.43	8.88			
			Sqm	1.0	20.90		0.60	12.54			
			Sqm	3.0	27.45		0.43	35.00			
			Sqm	3.0	20.45		0.43	26.07			
			Sqm	1.0	20.45		0.60	12.27			
			Sqm	1.0	27.45		0.60	16.47			
		Deduction									
			Sqm	1.0	4.50	-5.50		-24.75			
		Column									
		C1	Sqm	6.0	0.45	-0.60		-1.62			
		C2	Sqm	3.0	0.45	-0.60		-0.81			
		C3	Sqm	7.0	0.45	-0.45		-1.42			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		C4	Sqm	11.0	0.45	-0.45		-2.23			
		C5	Sqm	4.0	0.20	-0.45		-0.36			
							Total Executed Quantity	**2371.32**	**93.51**	**221733.60**	
E15		KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications.Pg No 119,Item No15.49.2									
		Ground Floor									
		ceiling									
			Sqm	1.0	22.40	25.95		581.28			
		Beam	Sqm	8.0	20.90		0.58	96.14			
			Sqm	1.0	20.90		0.43	8.88			
			Sqm	1.0	20.90		0.60	12.54			
			Sqm	3.0	25.95		0.43	33.09			
			Sqm	3.0	20.45		0.43	26.07			
			Sqm	1.0	20.45		0.60	12.27			
			Sqm	1.0	25.95		0.60	15.57			
		Deduction									
		Staircase and lift	Sqm	1.0	4.50	-5.50		-24.75			
		Column									
		C1	Sqm	6.0	0.45	-0.60		-1.62			
		C2	Sqm	3.0	0.45	-0.60		-0.81			
		C3	Sqm	7.0	0.45	-0.45		-1.42			
		C4	Sqm	11.0	0.45	-0.45		-2.23			
		C5	Sqm	4.0	0.20	-0.45		-0.36			
		First Floor									
		ceiling									
			Sqm	1.0	22.40	25.95		581.28			
			Sqm	1.0	17.40	1.00		17.40			
			Sqm	1.0	5.00	1.50		7.50			
		Beam	Sqm	8.0	20.90		0.58	96.14			
			Sqm	1.0	20.90		0.43	8.88			
			Sqm	1.0	20.90		0.60	12.54			
			Sqm	3.0	27.45		0.43	35.00			
			Sqm	3.0	20.45		0.43	26.07			
			Sqm	1.0	20.45		0.60	12.27			
			Sqm	1.0	27.45		0.60	16.47			
		Deduction									
			Sqm	1.0	4.50	-5.50		-24.75			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Column									
		C1	Sqm	6.0	0.45	-0.60		-1.62			
		C2	Sqm	3.0	0.45	-0.60		-0.81			
		C3	Sqm	7.0	0.45	-0.45		-1.42			
		C4	Sqm	11.0	0.45	-0.45		-2.23			
		C5	Sqm	4.0	0.20	-0.45		-0.36			
						Total Executed Quantity		**1537.01**	**141.46**	**217422.98**	
E16		KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer.									
		inside painting									
		Ground Floor									
		Column									
		C1, C2	Sqm	6.0	2.10		2.55	32.13			
		C3,C4	Sqm	15.0	1.80		2.55	68.85			
		Gent's and Ladies Toilet									
			Sqm	4.0	4.60		1.03	18.86			
			Sqm	4.0	4.90		1.03	20.09			
		WC	Sqm	4.0	1.50		1.03	6.15			
		Staircase portion						0.00			
			Sqm	2.0	4.60		3.30	30.36			
			Sqm	1.0	5.50		3.30	18.15			
		Lift(INNER WALLS)	Sqm	4.0	2.21		3.30	29.17			
			sqm	4.0	1.75		3.30	23.10			
		Deduction									
		Lift opening	Sqm	2.0	1.75		-2.10	-7.35			
		First Floor									
		Hall	Sqm	2.0	20.40		3.60	146.88			
			Sqm	2.0	25.50		3.60	183.60			
		Column									
		C1	Sqm	4.0	2.10		3.30	27.72			
		C2	Sqm	2.0	2.10		3.30	13.86			
		C3,C4	Sqm	12.0	0.50		3.30	19.80			
		Deduction									
		W	Sqm	-10.0	1.20		1.80	-21.60			
		MD	Sqm	-0.5	1.80		2.10	-1.89			
		V	Sqm	-1.5	0.60		0.75	-0.68			
		Staircase portion	Sqm	2.0	4.60		3.88	35.65			
				2.0	5.50		3.88	42.68			
		Lift(INNER WALLS)	Sqm	4.0	2.21		4.05	35.80			
			sqm	4.0	1.75		5.05	35.35			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Toilet									
		Outer walls	Sqm	1.0	4.80		3.40	16.32			
			Sqm	2.0	4.80		1.30	12.48			
			Sqm	1.0	3.45		3.25	11.21			
			Sqm	2.0	3.45		1.15	7.94			
		Ladies toilet partition	Sqm	2.0	1.15		0.25	0.58			
			Sqm	1.0	3.30		1.15	3.80			
		Gents Toilet partions	sqm	1.0	3.30		1.15	3.80			
			sqm	2.0	3.30		0.25	1.65			
			sqm	2.0	1.87		0.25	0.94			
		Deduction									
		Lift opening	Sqm	1.0	1.75		-2.10	-3.68			
		D2	Sqm	1.0	0.90		-2.10	-1.89			
							Total Executed Quantity	**809.83**	**107.89**	**87374.18**	
E17		Providing and finishing external walls in two coats over one coat of 100% acrylic silicon Glazed primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.									
		Ground floor									
		Gent's and Ladies Toilet									
			Sqm	1.0	4.60		3.30	15.18			
			Sqm	2.0	4.90		3.30	32.34			
		near staircase	Sqm	1.0	5.50		3.30	18.15			
			Sqm	1.0	4.60		3.30	15.18			
		Deduction									
		V	Sqm	2.0	0.75		-0.60	-0.90			
		D2	Sqm	1.0	0.75		-2.10	-1.58			
		Compound Wall									
		northenside Wall	Sqm	2.0	5.00		1.80	18.00			
							Total Executed Quantity	**96.37**	**215.78**	**20795.10**	
E18		Providing and finishing external walls in two coats over one coat of 100% acrylic silicon Glazed primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (First Floor)									
		First Floor									
			Sqm	2.0	20.50		4.05	166.05			
			Sqm	2.0	25.30		4.05	204.93			
		Deduction									
		W	Sqm	-10.0	1.20		1.80	-21.60			
		MD	Sqm	-0.5	1.80		2.10	-1.89			
		V	Sqm	-1.5	0.60		0.75	-0.68			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Chejja									
		Bottom									
		W	Sqm	15.0	1.80	0.30		8.10			
		V	Sqm	3.0	1.05	0.30		0.95			
		Top									
		W	Sqm	15.0	1.80	0.30		8.10			
		V	Sqm	3.0	1.05	0.30		0.95			
		Side									
		W	Sqm	15.0	2.40		0.10	3.60			
		V	Sqm	3.0	1.65		0.10	0.50			
						Total Executed Quantity		**369.01**	**222.98**	**82280.67**	
E19		Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete.(Ground Floor)									
		Ground Floor									
		Riser-1st & 2nd flight	Sqm	13.0	1.38		0.15	2.69			
		3rd flight	Sqm	7.0	1.38		0.15	1.45			
		Tread-1st & 2nd flight	Sqm	13.0	1.38	0.32		5.74			
		3rd flight	Sqm	7.0	1.18	0.32		2.64			
		Landing	Sqm	1.0	1.38	1.34		1.85			
			Sqm	1.0	1.58	1.18		1.86			
		Deductions									
		Columns	Sqm	-2.0	0.39	0.29		-0.23			
		Vidhanasoudha grill									
		Westernside									
		Top portion	Sqm	1.0	29.50	0.45		13.28			
		Side portion	Sqm	2.0	29.50	0.45		26.55			
		Southernside									
		Top portion	Sqm	1.0	22.35	0.45		10.06			
		Side portion	Sqm	2.0	22.80	0.45		20.52			
		Deductions									
		Gate 1	sqm	-3.0	4.70	0.45		-6.35			
		Gate 2	sqm	-3.0	1.20	0.45		-1.62			
						Total Executed Quantity		**78.45**	**5341.85**	**419062.48**	
E20		Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications.(Ground Floor)									
		Ground Floor									
		STAIRCASE	Sqm	1.0	6.75		1.00	6.75			
						Total Executed Quantity		**6.75**	**7217.97**	**48721.33**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E21		Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications.(First Floor)									
		First Floor									
		Balcony Railings	Sqm	1.0	1.50		1.05	1.58			
			Sqm	1.0	25.90		1.05	27.20			
			Sqm	1.0	1.45		1.05	1.52			
							Total Executed Quantity	**30.30**	**7225.17**	**218940.64**	
E22		KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 106,Item No14.41.2 (Ground Floor)									
		Ground Floor									
		Gent's and Ladies Toilet									
			Sqm	4.0	4.60		2.10	38.64			
			Sqm	4.0	4.90		2.10	41.16			
		WC	Sqm	4.0	1.50		2.10	12.60			
		Deduction									
		D3	Sqm	-4.0	0.62		2.10	-5.21			
		D2	Sqm	-1.0	0.75		2.10	-1.58			
		V	Sqm	-2.0	0.75		0.60	-0.90			
							Total Executed Quantity	**84.71**	**1956.44**	**165730.17**	
E23		KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 106,Item No14.41.2 (First Floor)									
		First Floor									
		Toilet									
		Outer walls	Sqm	2.0	4.80		2.10	20.16			
			Sqm	2.0	3.45		2.10	14.49			
		Ladies toilet partition	Sqm	2.0	1.15		2.10	4.83			
			Sqm	1.0	3.30		2.10	6.93			
		Gents Toilet partions	sqm	1.0	3.30		2.10	6.93			
			sqm	2.0	3.30		2.10	13.86			
			sqm	2.0	1.87		2.10	7.85			
		Deduction									
		D2	Sqm	1.0	0.90		-2.10	-1.89			
		D3	Sqm	3.0	0.75		-2.10	-4.73			

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		V	Sqm	-1.5	0.75		0.60	-0.68			
							Total Executed Quantity	**67.75**	**1958.84**	**132711.36**	
E24		Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specificationPg no. 107 Item No.14.44 (Ground Floor)									
		Gents Toilet	Sqm	1.0	2.20	1.60		3.52			
		Ladies Toilet	Sqm	1.0	2.20	1.60		3.52			
		WC	Sqm	4.0	1.50	1.10		6.60			
							Total Executed Quantity	**13.64**	**1240.76**	**16923.94**	
E25		Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specificationPg no. 107 Item No.14.44 (First Floor)									
		Gents Toilet	Sqm	1.0	1.70	1.87		3.18			
			Sqm	1.0	1.70	2.02		3.43			
			Sqm	1.0	1.45	3.30		4.79			
		Ladies Toilet	Sqm	1.0	1.15	1.80		2.07			
			Sqm	1.0	1.15	2.10		2.42			
							Total Executed Quantity	**15.88**	**1243.16**	**19745.04**	
E26		Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate)									
		Gate1	sqm	1.0	4.70		2.10	9.87			
		Gate 2	sqm	1.0	1.20		2.10	2.52			
							Total Executed Quantity	**12.39**	**12475.00**	**154565.25**	
E27		KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Pg no:120.Item no:15.74									
		For window and ventilators	sqm		window			57.15			
		Painting for Grill Works	Sqm		window			54.00			
							Total Executed Quantity	**111.15**	**113.89**	**12658.43**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E28		KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole Nos 232.00 with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6Pg No. 75 item no. 11.44									
		For sump	No.s	4.0				4.00			
							Total Executed Quantity	**4.00**	**330.87**	**1323.48**	
E29		Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data Rate)									
		CF1									
		Westernside	sqm	1.0	29.50		2.10	61.95			
		Southernside	sqm	1.0	22.35		2.10	46.94			
		DEDUCTION									
		GATE1	sqm	-1.0	4.70		2.10	-9.87			
		GATE2	sqm	-1.0	1.20		2.10	-2.52			
							Total Executed Quantity	**96.50**	**9144.00**	**882350.28**	
E30		KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) (P.No - 96/ I.No - 13.78 of PWD SR 2018-19)									
		Water Tank	**Nos**	**1.0**				**1.00**			
							Total Executed Quantity	**1.00**	**8185.41**	**8185.41**	
E31		KSRB 11-11 : Providing and fixing white vitreous china clay, flat back wash basin with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. size of 550 x 400mm (P.No - 83/ I.No - 12.26 of PWD SR 2018-19)									
		Wash Basin	**Nos**	**7.0**				**7.00**			
							Total Executed Quantity	**7.00**	**3621.57**	**25351.02**	
E32		Providing pedestal for wash basin of approved 1st quality and make conforming to ISI Specifications and fixing for low down cistern as directed .Rate includes cost of materials and conveyance to work spot. (P.No - 89/ I.No - 12.108 of PWD SR 2018-19)									
		Pedestal	**Nos**	**7.0**				**7.00**			
							Total Executed Quantity	**7.00**	**1078.92**	**7552.44**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client	Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E33		KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No - 79/ I.No - 12.5 of PWD SR 2018-19)									
		EWC	Nos	6.0				6.00			
							Total Executed Quantity	6.00	5941.25	35647.52	
E34		KSRB 11-15.1 : Providing and fixing 600x450mm bevelLead edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with C.P screws, washers, including cost of materials, labour complete as per specifications. (P.No - 84/ I.No - 12.39 of PWD SR 2018-19)									
		Mirror	Nos	7.0				7.00			
							Total Executed Quantity	7.00	1387.01	9709.08	
E35		KSRB13-6.1 : Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. 15 mm dia nominal bore (P.No - 93/ I.No - 13.23 of PWD SR 2018-19)									
		Bib Cock	Nos	13.0				13.00			
							Total Executed Quantity	13.00	227.77	2961.04	
E36		KSRB13-6.6 : Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore of PVC connection including cost of all materials, labour and HOM with all leads complete as per specifications.450mm length (P.No - 94/ I.No - 13.47 of PWD SR 2018-19)									
		Conection Pipe	set	13.0				13.00			
							Total Executed Quantity	13.00	316.48	4114.28	
E37		Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes 25mm dia conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (P.No - 98/ I.No - 13.85.3 of PWD SR 2018-19)									
		25mm dia	m	1.0	99.00			99.00			
							Total Executed Quantity	99.00	234.96	23261.52	
E38		KSRB13-9 : Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgf/sq.cm working pressure with pipe fittings, wall clips, and making good the wall, ceiling and floor for sanitary pipelines, including cost of all materials, labour charges, HOM and testing complete as per specifications 140 mm dia (P.No - 90/ I.No - 12.116.2 of PWD SR 2018-19)									
		140 mm dia	m	1.0	60.00			60.00			
							Total Executed Quantity	60.00	824.77	49486.46	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
E39		KSRB 12-5 : Constructing brick masonry circular type manhole 0.91 m internal dia at bottom and 0.56m dia at top with table moulded non modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and downsize granite metal and making necessary channel in cement concrete M 50 with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diametre confirming IS :12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid separately) Specification No. KBS 12.deep 0.91m (P.No - 73/ I.No - 11.37 of PWD SR 2018-19)									
		Man hole	**Nos**	**4.0**				**4.00**			
							Total Executed Quantity	**4.00**	**17628.35**	**70513.42**	
E40		KSRB 12-8.1 : Constructing brick masonry inspection chamber 450X450 and 450mm depth for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty)450x450mm, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. (P.No - 76/ I.No - 11.50.3 of PWD SR 2018-19)									
		Inspection Chambers	**Nos**	**4.0**				**4.00**			
							Total Executed Quantity	**4.00**	**6353.64**	**25414.56**	
E41		**Concealed Conduit System** Supplying heavy gauge PVC conduit pipe ……mm dia ..... mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary									
	a)	19/20mm dia 2mm thick. (P.N0.2 ,I.No. 1.2.1)	Mtr					800.00	44.40	**35520.00**	
	b)	25mm dia 2mm thick. (P.N0.2 ,I.No. 1.2.2)	Mtr					500.00	58.83	**29415.00**	
E42		Supplying heavy gauge PVC Conduit Pipe ….dia ....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.									
	a)	19/20mm dia 2mm thick (P No 2 ; I No 1.3.1)	Mtr					192.00	56.61	**10869.12**	
	b)	25mm dia 2mm thick (P No 2 ; I No 1.3.2)	Mtr					265.00	59.94	**15884.10**	
E43		Supplying and fixing PVC/metal conduit Deep junction box									
	a)	25mm deep junction box(P No 3 ; I No 1.5.2)	No					124.00	52.17	**6469.08**	

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MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E44		Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete.									
	a)	upto 50mm conduit in brick wall(P No 3 ; I No 1.7.1)	Mtr					290.00	23.31	**6759.90**	
	b)	upto 50mm conduit CC floor(P No 3; I No 1.7.2)	Mtr					25.00	42.18	**1054.50**	
E45		Supplying PVC/GI flexible conduit pipe…mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of thepi pe terminated completely									
	a)	25mm (P No 3 ; I No 1.9.2)	Mtr					10.00	31.08	**310.80**	
E46		Supplying And Fixing Metal Fan Box with Round Hook.(P.N0 3,1.12)									
			No					49.00	94.35	**4623.15**	
E47		Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.									
	a)	Short point upto 3Mtr from tapping point to out let via switch (P No 5 ; I No 2.2.1)	Pts					16.00	177.60	**2841.60**	
	b)	Medium point above 3M. upto 6M from tapping point to out let via switch (P No 5 ; I No 2.2.2)	Pts					21.00	277.50	**5827.50**	
	c)	Long point above 6Mtr. upto 10M from tapping point to out let via switch (P No 5 ; I No 2.2.3)	Pts					102.00	416.25	**42457.50**	
	d)	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches (P No 6 ; I No 2.2.4)	Pts					38.00	527.25	**20035.50**	
	e)	Three outlet in a row, above 6Mtr upto 10Mtr from tapping point to out let via switches (P No 6 ; I No 2.2.5)	Pts					20.00	749.25	**14985.00**	

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MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E48		Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.									
	a)	1 sqmm (P.No. 6, I.No.2.3.1)	Mtr					2900.00	15.54	**45066.00**	
	b)	1.5 sqmm (P.No. 6, I.No.2.3.2)	Mtr					4550.00	22.76	**103535.25**	
	c)	2.5 sqmm (P.No. 6, I.No.2.3.3)	Mtr					600.00	35.52	**21312.00**	
	d)	4 sqmm (P.No. 6, I.No.2.3.4)	Mtr					400.00	49.95	**19980.00**	
	e)	6 sqmm (P.No. 6, I.No.2.3.5)	Mtr					60.00	77.70	**4662.00**	
	f)	10 sqmm (P.No. 6, I.No.2.3.6)	Mtr					90.00	127.65	**11488.50**	
		PART-C SWITHES AND SOCKETS									
E49		Supplying and **flush mounting powder coated / galvanized metal box** suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall									
	a)	1-3Way(P.NO 9,3.4.1)	No					1.00	105.45	**105.45**	
	b)	4-5Way(P.NO 9,3.4.2)	No					1.00	116.55	**116.55**	
	c)	6Way(P.NO 9,3.4.3)	No					4.00	138.75	**555.00**	
	d)	8Way(P.NO 9,3.4.4)	No					2.00	160.95	**321.90**	
	e)	10-12Way(P.NO 9,3.4.5)	No					2.00	183.15	**366.30**	
	f)	16-18Way(P.NO 9,3.4.6)	No					14.00	199.80	**2797.20**	
E50		Supplying and fixing **superior quality modular switch mounting polycarbonate plate** with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.									
	a)	1 to 3 Module(P.NO 9,3.5.1)	No					1.00	122.10	**122.10**	
	b)	4 Module(P.NO 9,3.5.2)	No					1.00	138.75	**138.75**	
	c)	6 Module(P.NO 9,3.5.3)	No					4.00	194.25	**777.00**	
	d)	8 Module(P.NO 9,3.5.4)	No					2.00	222.00	**444.00**	
	e)	12 Module(P.NO 9,3.5.5)	No					2.00	255.30	**510.60**	
	f)	16-18 Module(P.NO 9,3.5.6)	No					14.00	299.70	**4195.80**	
E51		Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.									
	a)	6Amps one way.(P.NO 10,3.6.1)	No					185.00	77.70	**14374.50**	
	b)	6Amps two way.(P.NO 10,3.6.2)	No					6.00	105.45	**632.70**	
	c)	6Amps 3way socket.(P.NO 10,3.6.3)	No					28.00	116.55	**3263.40**	
	d)	Stepped Fan Regulator.(P.NO 10,3.6.4)	No					31.00	321.90	**9978.90**	
	e)	16Amps one way switch (P.NO 10,3.6.8)	No					2.00	127.65	**255.30**	
	f)	32Amps DP switch (P.NO 10,3.6.10)	No					2.00	202.02	**404.04**	

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MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
	g	6/16Amps universal socket.(P.NO 10,3.6.11)	No					5.00	179.82	**899.10**	
E52		Supplying 50mm **wooden plug**, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.(P.NO 10,3.11)									
			No					950.00	7.77	**7381.50**	
E53		Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.									
	a)	6-32 Amps SP. (P.No.27, I.No.5.17.1)	No					25.00	481.74	**12043.50**	
	b)	5-32 Amps DP.(P.No.27, I.No. 5.17.4)	No					2.00	1008.99	**2017.98**	
E54		Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door									
	a)	6 way TPN (P.No.28, I.No.5.18.10)	No					2.00	3696.30	**7392.60**	
E55		Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.									
	a)	100Amps 4x30x6mm Aluminium Strips(P.No.30, I.No.5.40.1)	Mtr					6.00	2275.50	**13653.00**	
E56		Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat … with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.									
	a)	50x50x6mm (P.No.30, I.No.5.41.2)	Mtr					6.00	366.30	**2197.80**	
	b)	40*40*6mm (P.No.30, I.No.5.41.1)	Mtr					6.00	283.05	**1698.30**	
	c)	50X100X50X6mm C channel (P.No.30, I.No.5.41.4)	Mtr					6.00	699.30	**4195.80**	
E57		Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.									
	a)	14SWG (P.No.30, I.No.5.42.1)	Sqcms					125000.00	0.44	**55500.00**	

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MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		PART-E-LT UG CABLES									
E58		Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.(P.No.40, I.No.6.2)									
			No					4.00	4606.50	**18426.00**	
E59		Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip									
	a)	GI Strip. 25x3mm(P.No.40, I.No.6.3.1)	Mtr					10.00	83.25	**832.50**	
	b)	Copper strip. 25x3mm. (P.No.40, I.No.6.3.6)	No					10.00	560.55	**5605.50**	
E60		Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc.									
	a)	12 SWG. Copper Wire (P No 43, I No6.18.4)	Mtr					50.00	64.38	**3219.00**	
E61		Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975									
	a)	3.5 core 25 sqmm (P.No.40, I.No. 6.4.5)	Mtr					50.00	199.80	**9990.00**	
E62		Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.**In existing trench/duct.**									
	a)	25 sqmm to 75 sqmm (P.No. 41 I.No.6.5.2)	Mtr					40.00	17.21	**688.20**	
	b	**On wall structure**.25 sqmm to 75 sqmm (P.No. 41 I.No.6.5.7)	Mtr					10.00	38.85	**388.50**	
E63		Digging of trench of 0.6m deep * 0.50mtr wide refiling the trench to the required ground level & consolidating etc., complete. (As per Civil SR KSRB I-2, P.7)									
	a)	In soil (hard) (P.No. 41 I.No.6.6.2)	Mtrs					20.00	113.22	**2264.40**	
E64		Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable. (P.No. 41 I.No.6.7)									
			Mtrs					20.00	111.00	**2220.00**	
E65		Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.									
	a)	65mm (P.No. 42, I.No.6.9.3)	Mtrs					30.00	628.26	**18847.80**	

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Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E66		Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)									
	a)	32mm dia (P.No. 42, I.No.6.11.3)	No					2.00	129.87	**259.74**	
	b)	50 mm dia (P.No. 42, I.No.6.11.5)	No					2.00	283.05	**566.10**	
	c)	75mm dia (P.No. 42, I.No.6.11.7)	No					2.00	550.56	**1101.12**	
E67		Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.									
	a)	2.5sqmm (P.No.43 I.No 6.17.2)	No					30.00	4.44	**133.20**	
	b)	4sqmm (P.No.43 I.No 6.17.3)	No					20.00	7.77	**155.40**	
	c)	6sqmm (P.No.43 I.No 6.17.4)	No					8.00	7.77	**62.16**	
	d)	10sqmm (P.No.43 I.No 6.17.5)	No					12.00	8.88	**106.56**	
		PART-F-FANS AND HVAC									
E68		Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete.15" Sweep (P.No.46 I.No 7.2.2)									
			No					4.00	4440.00	**17760.00**	
E69		Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS:1709/1984 with latest amendment, Rated voltage 220 V/ 50 Hz, Rated power input 48 W +/- 10 %, Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value ≥ 4.2 CMM / Watt, Three Blades of blade leaf 1.05mm thick Aluminium Alloy sheet, Class B motor insulation,Bearing Two ball bearings, Top 6202, Bottom 6201 , as per IS specification, Motor wdg. Temp rise Shall not exceed 75 degC over and ambient of 40 0C by resistance method at 245Volts, Insulation resistance Shall not be less than Two Mega Ohms (2 M Ohms), Leakage current Should not exceed 210Micro Amp, Power input, watt& current , Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year manufacturer Warranty									
	a)	48" Sweep 5 Star (1200mm)(P.No.46 I.No 7.4.1)	No					30.00	3219.00	**96570.00**	
		PART-G-LIGHT FIXTURES									
E70		Supplying of .....feet - PVC Batten with integrated LED tube.....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition.									
	a)	LED light fighting 1 x 4' - 20/22w(P.No.64 I.No 12.3.2)	No					25.00	416.25	**10406.25**	

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MODIFIED ESTIMATION

Client — **Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045**

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E71		Supplying of recess mounting non integrated type LED down light ..... W luminaire comprising of pressure decast/ extruded aluminium housing, with spring loaded false ceiling clamps, LED of Power/COB with CCT 6500 degree K, CRI> 70%. efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly., with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition.									
	a)	3) 15-18W (P.No.64 I.No 12.4.3)	No					129.00	2220.00	**286380.00**	
E72		Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation.Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.									
	a)	LED Streetlight 150 Watts(P.No.67 I.No 12.8.6)	No					8.00	13653.00	**109224.00**	
E73		Supplying and Fixing.....mm dia class A GI pipe bracket up to 2.7 meters long terminated with a reducing collar of 40x25mm to which extra pipe of 175mm length is fixed forfixing MV/SV/MH/FTL street light fitting of all capacities on rail/RCC/wall/tubular pole, using suitable clamps, bolts, nuts and wiring using suitable capacity wires.									
	a)	Using 25mm dia G.I.Pipe(P.NO.79,14.2.1)	No					8.00	1078.92	**8631.36**	
E74		Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires(P.NO.79,14.5)									
			No					8.00	194.25	**1554.00**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED ESTIMATION

Client		Sri. K. Shankar Reddy, #03,1st cross, Veeranna palya, Ramachandrappa Layout, Bangalore-560045									
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
E75		Fixing all types and all capacities of fluorescent / false ceiling/ spot light / CFL / LED fittings indoor on the wall / ceiling /rafters / girders using 23/0.0076" twin twisted PVC insulatedwires, required Nos of round blocks and clamps.(P.NO.79,14.7.1)									
			No					154.00	122.10	**18803.40**	
E76		Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired.(P.NO.79,14.9)									
			No					31.00	288.60	**8946.60**	
	a)	Extra length of GI pipe of class B 19mm dia for down rod..(P.NO.80,14.10)	No					31.00	177.60	**5505.60**	
E77		Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 amps. ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire..(P.NO.80,14.12)									
			No					4.00	444.00	**1776.00**	
									Grand Total Amount	**24726425.96**	

BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

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Assistant Engineer
Byatrayanapura Division
BBMP

Assistant Executive Engineer
Byatrayanapura Division
BBMP

Executive Engineer
Byatrayanapura Division
BBMP

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Technical Sanction
Accorded For Rs 24726425.96
Head of A/C 3288
CER NO :..05..... Dt:..06.05.2022